Claims

[c1]   A method of claim whereas the Common Alert Protocol CAP equivalent of the Army"s Unit Task Order – UTO heartbeat (field order) message that enables FBCB2–BFT equipped platforms to receive current "active"data reflecting the who, what, where, when, how often at a later time if these platforms of interest (GPS equipped handheld, laptop or smart-phones) were out of radio range, turned off, or down for maintenance or in a duress condition at the time of initial transmission serves as the basis of a national or international "heartbeat 911"service (3). The commercial equivalent CAP message may be part of the CAP XML schema that is modified or as a child XML schema corresponding to the domain of interest (.mil, .org, .com, other).

[c2]   A method of claim whereas the Unit Task Order – UTO command identifies on the military side of the equation shown by the left hand table section and the commercial / DHS equivalent or translations on the right side of the table located in the figure section as UTOtranslation. The claim is that the UTO's intent, functionality could be applied in the DHS – commercial, organizational domains

as either nested structures in a modified CAP schema or as child CAP schemas to meet both military and DHS goals. The table in the figures section titled UTOtranslation provides a means to convey the main functions of the Unit Task Order.

[c3]   Method of Claim: Development of a nested CAP schema element or derivative child schema represented as the number 3 in the included heartbeat 911 diagram -- that enables the following described functionality: RFID Radio Frequency Identification where RFID tags if the active type, sends data to a network monitoring / relay that in turn sends the date time stamp, service provider or organization data, GPS derived location etc as harvested by the TCP/IP primitive heartbeat mechanisms (2) to a threat integration center via router/switches (SAFECOM/HISN) applying the principles behind Blue Force Tracking (BFT) (e.g., filtering applying business rules (mission thread logic in military speak) and FBCB2 as described in this patent and previous patent applications. The application layer performs the requisite association of the three and four digit codes that correspond to symbology derived from message data elements that correspond to geospatial symbols applied by geospatial applications such as ESRI Corporation as an example. The result of this method is that RFID tagged packages,

devices or even humans wearing RFID tagged bracelets can automatically generate situational awareness data that is granular to ten digit GPS location data and individual platforms and equipment vice general geometric areas of interest and non-GPS derived location data characteristic of the CAP final release.